

1653

## RAW SEQUENCE LISTING

DATE: 10/01/2001

PATENT APPLICATION: US/09/446,109A

TIME: 10:56:46

Input Set : A:\PTO.txt

Output Set: N:\CRF3\10012001\I446109A.raw

P.S.  
**ENTERED**

3 <110> APPLICANT: FAIRLIE, DAVID  
 4 MAXWELL, STEPHEN  
 5 FINCH, ANGELA MONIQUE  
 6 WONG, ALLAN  
 8 <120> TITLE OF INVENTION: CYCLIC ANAGONISTS AND ANTAGONISTS OF C5a RECEPTORS AND G  
 9 PROTEIN-COUPLED RECEPTORS  
 11 <130> FILE REFERENCE: 10648-0001-0PCT  
 13 <140> CURRENT APPLICATION NUMBER: 09/446,109A  
 14 <141> CURRENT FILING DATE: 2000-04-21  
 16 <150> PRIOR APPLICATION NUMBER: PCT/AU98/00490  
 17 <151> PRIOR FILING DATE: 1998-06-25  
 19 <150> PRIOR APPLICATION NUMBER: AU P07550  
 20 <151> PRIOR FILING DATE: 1997-06-25  
 22 <160> NUMBER OF SEQ ID NOS: 24  
 24 <170> SOFTWARE: PatentIn version 3.1  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 10  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: Artificial Sequence  
 31 <220> FEATURE:  
 32 <223> OTHER INFORMATION: synthetic peptide  
 34 <400> SEQUENCE: 1  
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 37 1 5 10  
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 45 <220> FEATURE:  
 46 <223> OTHER INFORMATION: synthetic peptide  
 48 <400> SEQUENCE: 2  
 50 Tyr Ser Phe Lys Asp Met Gln Leu Gly Arg  
 51 1 5 10  
 54 <210> SEQ ID NO: 3  
 55 <211> LENGTH: 10  
 56 <212> TYPE: PRT  
 57 <213> ORGANISM: Artificial Sequence  
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 60 <223> OTHER INFORMATION: synthetic peptide  
 62 <220> FEATURE:  
 63 <221> NAME/KEY: misc\_feature  
 64 <222> LOCATION: (9)..(9)  
 65 <223> OTHER INFORMATION: Xaa is D-Ala  
 68 <400> SEQUENCE: 3  
 W--> 70 Tyr Ser Phe Lys Asp Met Pro Leu Xaa Arg  
 71 1 5 10  
 74 <210> SEQ ID NO: 4

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75 <211> LENGTH: 10
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77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: synthetic peptide
82 <220> FEATURE:
83 <221> NAME/KEY: misc_feature
84 <222> LOCATION: (9)..(9)
85 <223> OTHER INFORMATION: Xaa is D-Ala
88 <400> SEQUENCE: 4
W--> 90 Tyr Ser Phe Lys Pro Met Pro Leu Xaa Arg
91 1 5 10
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95 <211> LENGTH: 21
96 <212> TYPE: PRT
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: synthetic peptide
102 <220> FEATURE:
103 <221> NAME/KEY: misc_feature
104 <222> LOCATION: (11)..(11)
105 <223> OTHER INFORMATION: MOD_RES: Acp
108 <220> FEATURE:
109 <221> NAME/KEY: misc_feature
110 <222> LOCATION: (20)..(20)
111 <223> OTHER INFORMATION: Xaa is D-Ala
114 <400> SEQUENCE: 5
W--> 116 Arg Ala Ala Arg Ile Ser Leu Gly Pro Arg Xaa Tyr Ser Phe Lys Pro
117 1 5 10 15
W--> 120 Met Pro Leu Xaa Arg
121 20
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125 <211> LENGTH: 20
126 <212> TYPE: PRT
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: synthetic peptide
132 <220> FEATURE:
133 <221> NAME/KEY: misc_feature
134 <222> LOCATION: (10)..(10)
135 <223> OTHER INFORMATION: MOD_RES: Acp
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140 <222> LOCATION: (19)..(19)
141 <223> OTHER INFORMATION: Xaa is D-Ala
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W--> 146 Lys Tyr Lys His Ser Val Val Lys Lys Xaa Tyr Ser Phe Lys Pro Met
147 1 5 10 15
W--> 150 Pro Leu Xaa Arg

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155 <211> LENGTH: 6
156 <212> TYPE: PRT
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: synthetic peptide
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163 <221> NAME/KEY: MOD_RES
164 <222> LOCATION: (1)..(1)
165 <223> OTHER INFORMATION: METHYLATION
168 <220> FEATURE:
169 <221> NAME/KEY: misc_feature
170 <222> LOCATION: (4)..(4)
171 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine
174 <400> SEQUENCE: 7
W--> 176 Phe Lys Pro Xaa Trp Arg
177 1          5
180 <210> SEQ ID NO: 8
181 <211> LENGTH: 6
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: synthetic peptide
188 <220> FEATURE:
189 <221> NAME/KEY: MOD_RES
190 <222> LOCATION: (1)..(1)
191 <223> OTHER INFORMATION: METHYLATION
194 <220> FEATURE:
195 <221> NAME/KEY: misc_feature
196 <222> LOCATION: (4)..(4)
197 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine
200 <220> FEATURE:
201 <221> NAME/KEY: MOD_RES
202 <222> LOCATION: (6)..(6)
203 <223> OTHER INFORMATION: residue is substituted with (CO)NH2
206 <400> SEQUENCE: 8
W--> 208 Phe Lys Pro Xaa Trp Arg
209 1          5
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213 <211> LENGTH: 6
214 <212> TYPE: PRT
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: synthetic peptide
220 <220> FEATURE:
221 <221> NAME/KEY: MOD_RES
222 <222> LOCATION: (1)..(1)
223 <223> OTHER INFORMATION: METHYLATION

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226 <220> FEATURE:
227 <221> NAME/KEY: misc_feature
228 <222> LOCATION: (4)..(4)
229 <223> OTHER INFORMATION: Xaa is D-cylcohexylalanine
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235 1 5
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240 <212> TYPE: PRT
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243 <220> FEATURE:
244 <223> OTHER INFORMATION: synthetic peptide
246 <220> FEATURE:
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248 <222> LOCATION: (1)..(1)
249 <223> OTHER INFORMATION: METHYLATION
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254 Phe Lys Pro Leu Trp Arg
255 1 5
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259 <211> LENGTH: 6
260 <212> TYPE: PRT
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
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266 <220> FEATURE:
267 <221> NAME/KEY: SITE
268 <222> LOCATION: (2)..(6)
269 <223> OTHER INFORMATION: cyclic portion
272 <220> FEATURE:
273 <221> NAME/KEY: MOD_RES
274 <222> LOCATION: (1)..(1)
275 <223> OTHER INFORMATION: ACETYLATION
278 <220> FEATURE:
279 <221> NAME/KEY: misc_feature
280 <222> LOCATION: (4)..(4)
281 <223> OTHER INFORMATION: Xaa is D-cylcohexylalanine
284 <400> SEQUENCE: 11
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287 1 5
290 <210> SEQ ID NO: 12
291 <211> LENGTH: 6
292 <212> TYPE: PRT
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: synthetic peptide
298 <220> FEATURE:
299 <221> NAME/KEY: MOD_RES

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300 <222> LOCATION: (1)..(1)
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306 <222> LOCATION: (2)..(2)
307 <223> OTHER INFORMATION: Orn
310 <220> FEATURE:
311 <221> NAME/KEY: misc_feature
312 <222> LOCATION: (4)..(4)
313 <223> OTHER INFORMATION: D-cyclohexylalanine
316 <220> FEATURE:
317 <221> NAME/KEY: SITE
318 <222> LOCATION: (2)..(6)
319 <223> OTHER INFORMATION: cyclic portion
322 <400> SEQUENCE: 12
W--> 324 Phe Xaa Pro Xaa Trp Arg
325 1 5
328 <210> SEQ ID NO: 13
329 <211> LENGTH: 5
330 <212> TYPE: PRT
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: synthetic peptide
336 <220> FEATURE:
337 <221> NAME/KEY: SITE
338 <222> LOCATION: (1)..(2)
339 <223> OTHER INFORMATION: between residues 1 and 2: (CH2)-NH2
342 <220> FEATURE:
343 <221> NAME/KEY: misc_feature
344 <222> LOCATION: (3)..(3)
345 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine
348 <220> FEATURE:
349 <221> NAME/KEY: SITE
350 <222> LOCATION: (1)..(5)
351 <223> OTHER INFORMATION: cyclic portion is from residue 5 and the (CH2) NH2 moiety
present
352 between residues 1 and 2
355 <400> SEQUENCE: 13
W--> 357 Phe Pro Xaa Trp Arg
358 1 5
361 <210> SEQ ID NO: 14
362 <211> LENGTH: 5
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364 <213> ORGANISM: Artificial Sequence
366 <220> FEATURE:
367 <223> OTHER INFORMATION: synthetic peptide
369 <220> FEATURE:
370 <221> NAME/KEY: misc_feature
371 <222> LOCATION: (3)..(3)
372 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine

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Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

## VERIFICATION SUMMARY

DATE: 10/01/2001

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Input Set : A:\PTO.txt

Output Set: N:\CRF3\10012001\I446109A.raw

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L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16  
L:494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19  
L:590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:661 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23  
L:738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24